

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135884.D
 Acq On : 19 Oct 2023 14:02
 Operator : CG\JU
 Sample : 04908-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 19 14:30:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

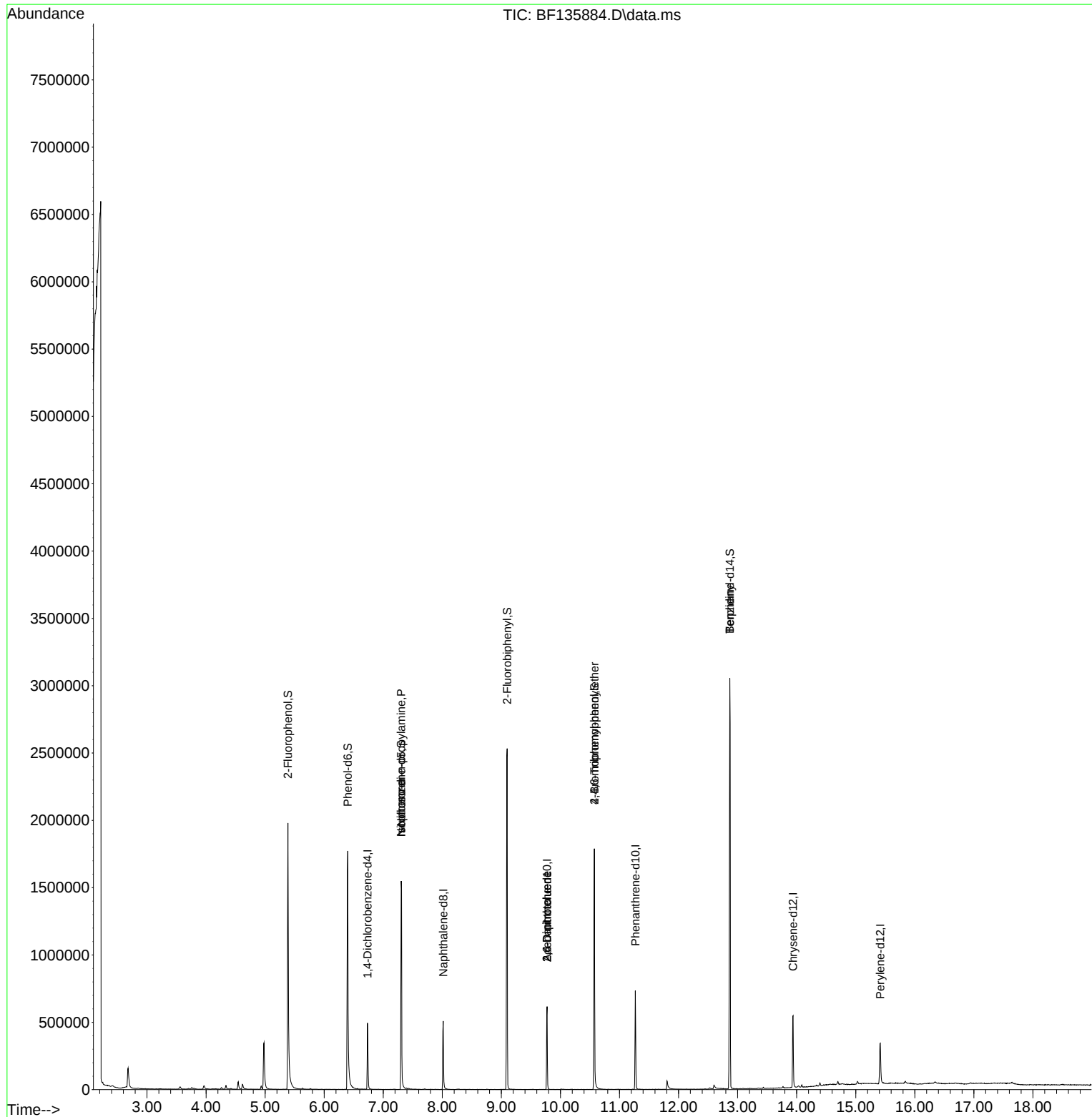
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	72272	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	235973	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	126174	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	258342	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	201682	20.000	ng	-0.01
86) Perylene-d12	15.415	264	158130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	587640	130.725	ng	0.01
7) Phenol-d6	6.398	99	682656	121.711	ng	0.00
23) Nitrobenzene-d5	7.304	82	517800	120.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	212636	175.625	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	839938	104.083	ng	0.00
79) Terphenyl-d14	12.868	244	1210501	111.152	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	69943	20.168	ng	# 72
25) Isophorone	7.304	82	517797	63.971	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	16023	8.748	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	16023	6.876	ng	# 23
67) 4-Bromophenyl-phenylether	10.574	248	12662	4.883	ng	# 1
77) Benzidine	12.868	184	14872	3.379	ng	# 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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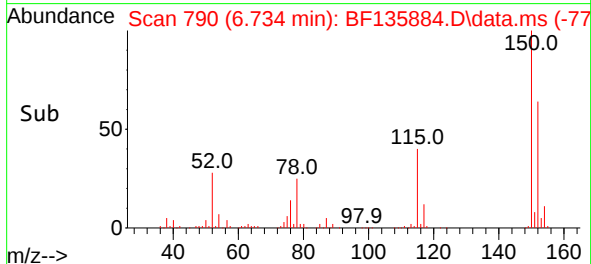
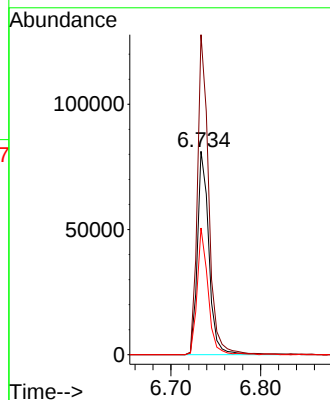
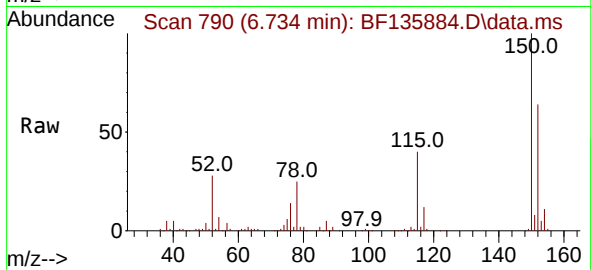




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135884.D
 Acq: 19 Oct 2023 14:02

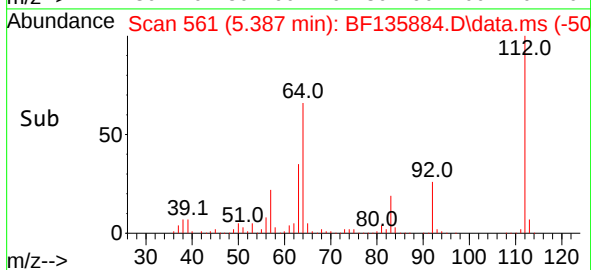
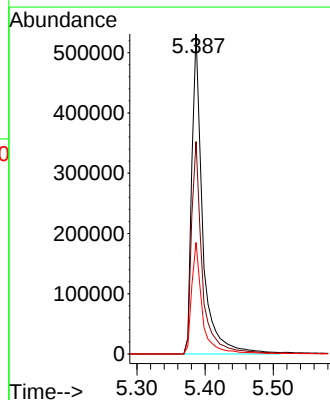
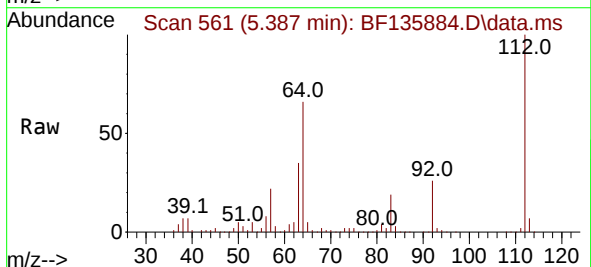
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:152 Resp: 72272
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.5 186.7
 115 62.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 130.725 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.012 min
 Lab File: BF135884.D
 Acq: 19 Oct 2023 14:02

Tgt Ion:112 Resp: 587640
 Ion Ratio Lower Upper
 112 100
 64 66.4 51.2 76.8
 63 34.9 26.1 39.1

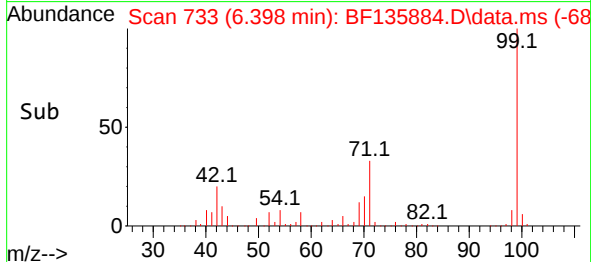
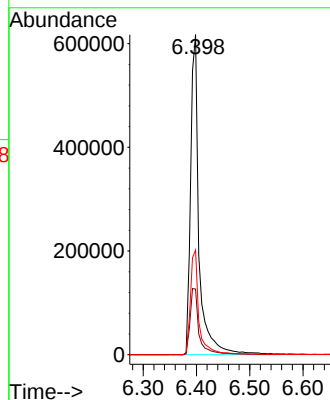
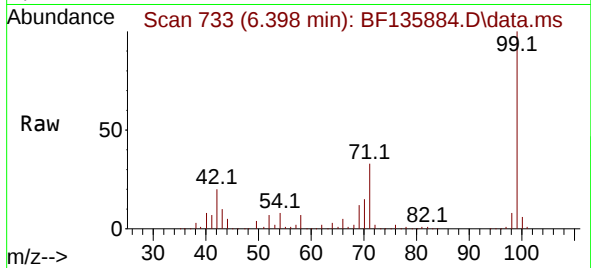




#7
Phenol-d6
Concen: 121.711 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

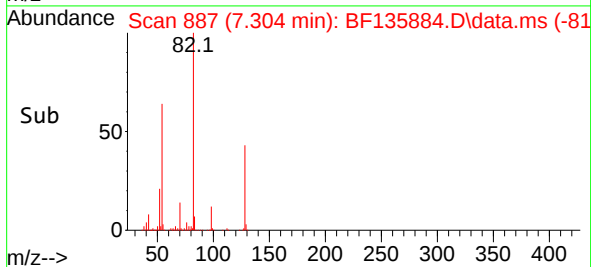
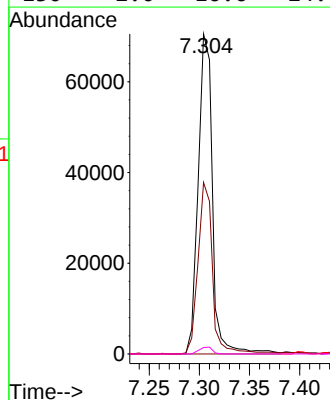
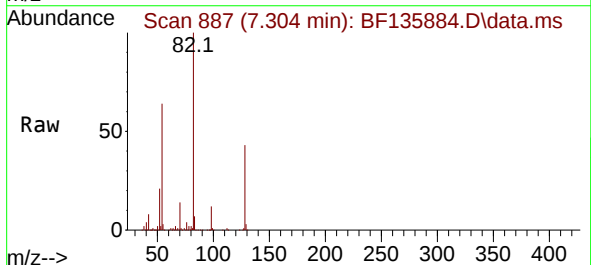
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 682656
Ion Ratio Lower Upper
99 100
42 20.5 18.4 27.6
71 32.7 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.168 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

Tgt Ion: 70 Resp: 69943
Ion Ratio Lower Upper
70 100
42 53.6 59.8 89.6#
101 0.0 7.4 11.2#
130 2.0 16.6 24.8#

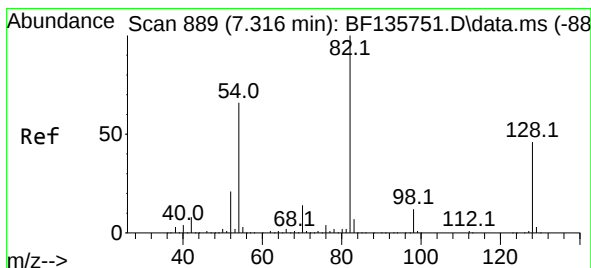
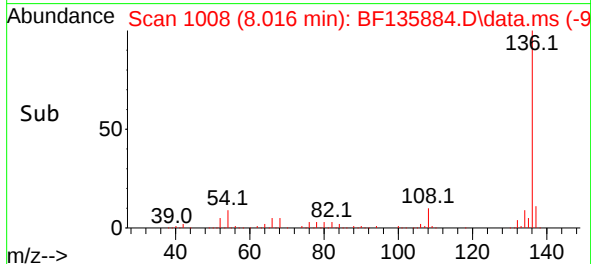
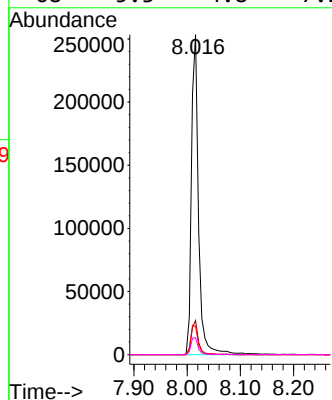
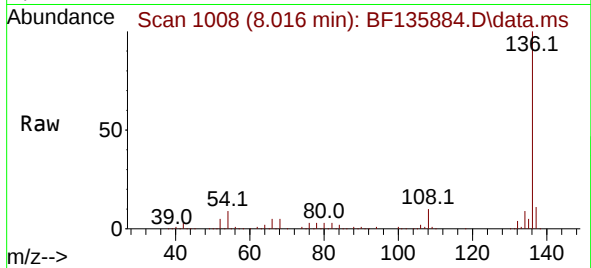




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

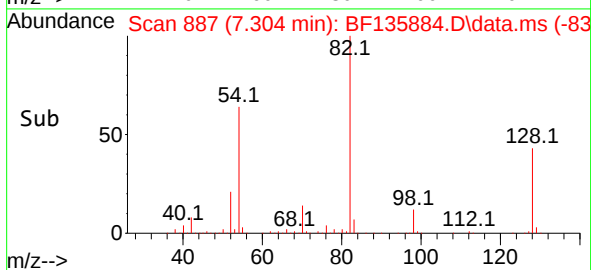
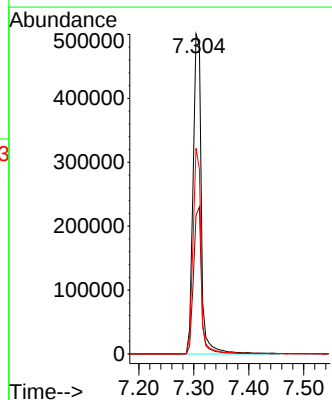
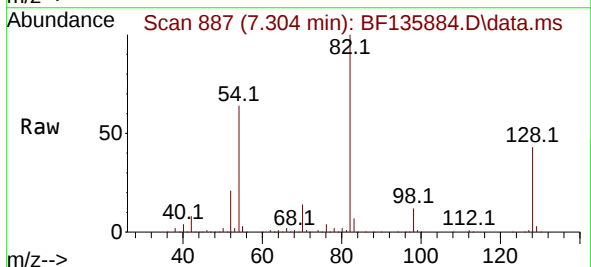
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 235973
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.8 8.5 12.7
68 5.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 120.686 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

Tgt Ion: 82 Resp: 517800
Ion Ratio Lower Upper
82 100
128 43.4 37.0 55.6
54 64.3 52.8 79.2

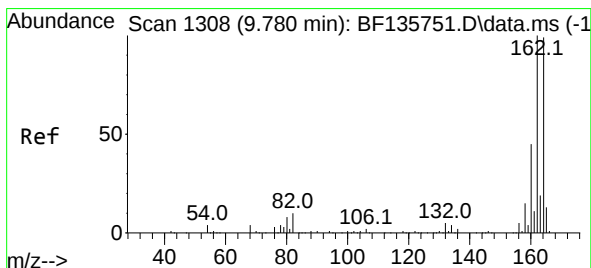
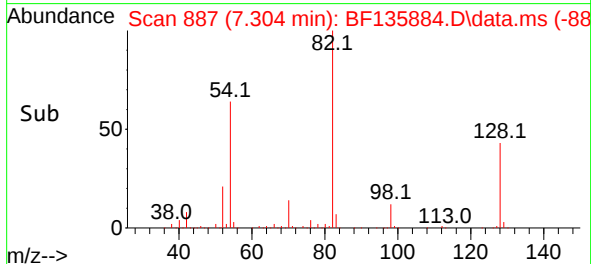
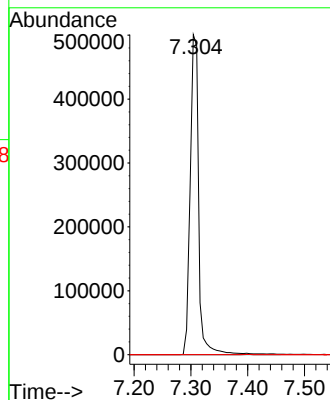
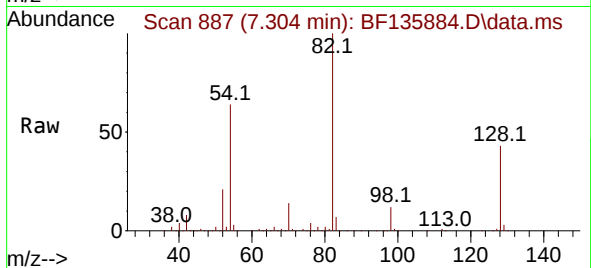




#25
Isophorone
Concen: 63.971 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

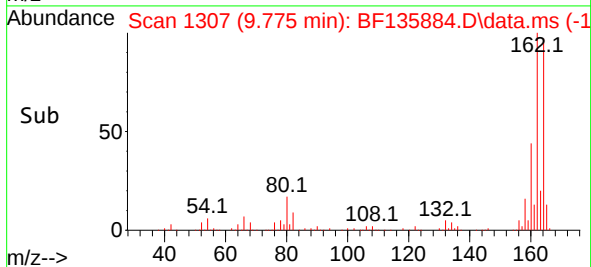
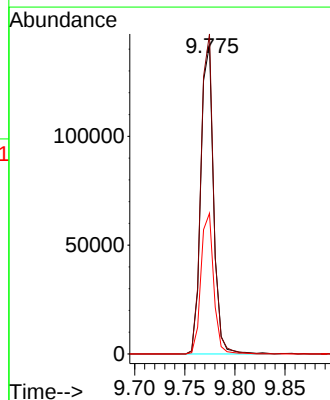
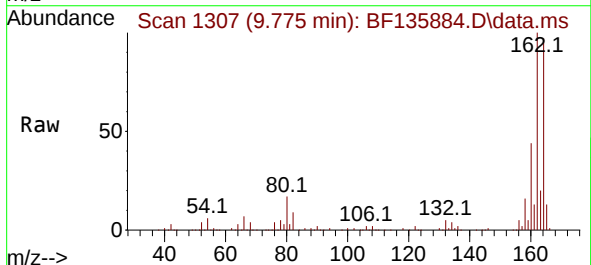
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 517797
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

Tgt Ion:164 Resp: 126174
Ion Ratio Lower Upper
164 100
162 103.5 80.8 121.2
160 45.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 175.625 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

Instrument :

BNA_F

ClientSampleId :

TP-3

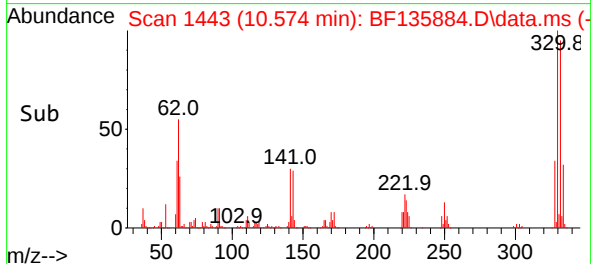
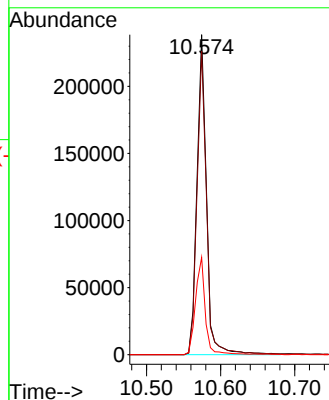
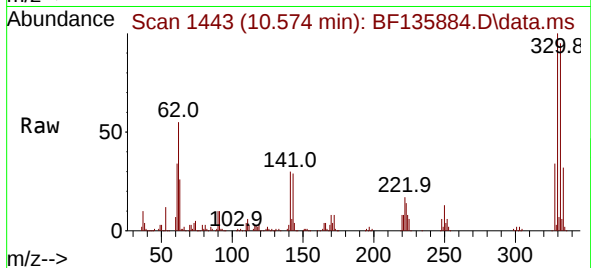
Tgt Ion:330 Resp: 212636

Ion Ratio Lower Upper

330 100

332 94.6 75.0 112.4

141 31.4 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 104.083 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

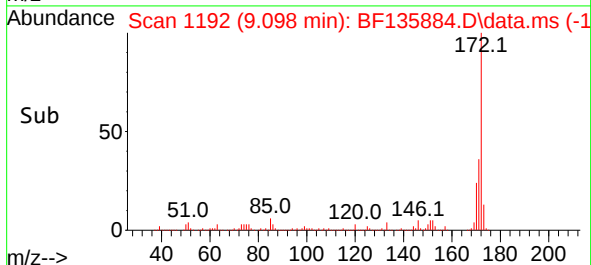
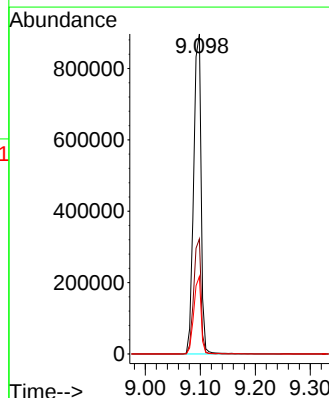
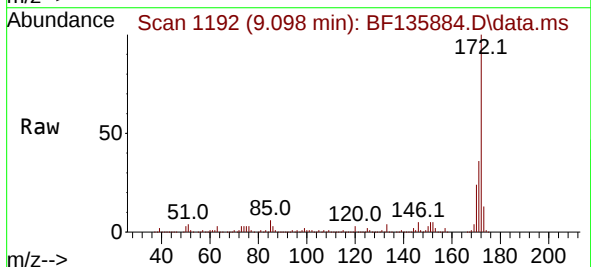
Tgt Ion:172 Resp: 839938

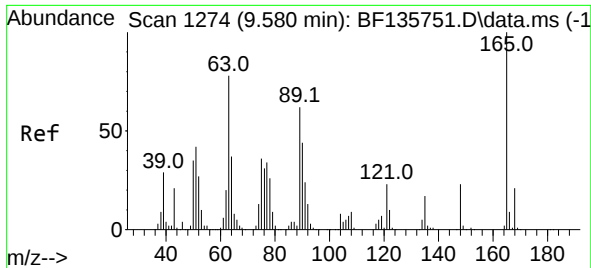
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.2 18.8 28.2

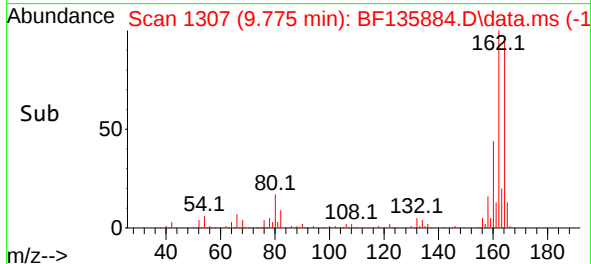
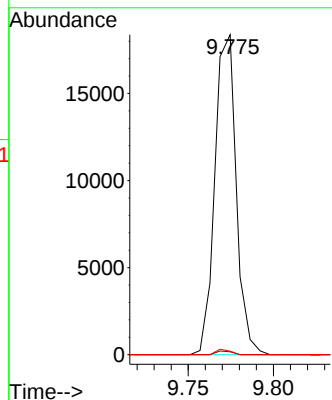
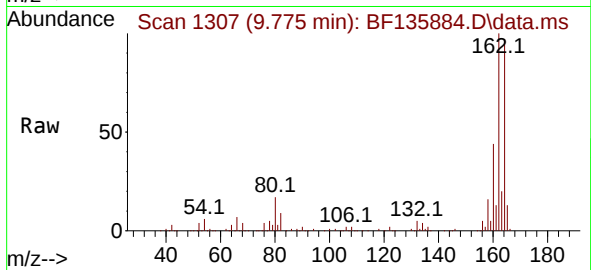




#51
2,6-Dinitrotoluene
Concen: 8.748 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

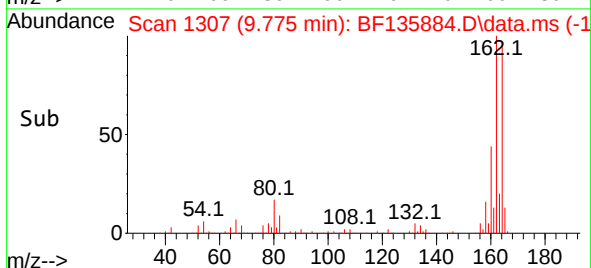
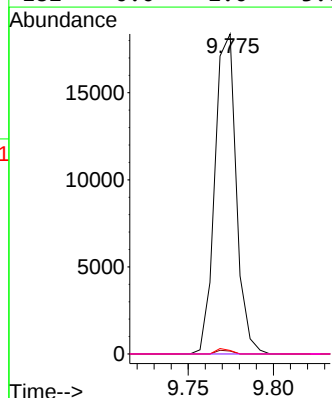
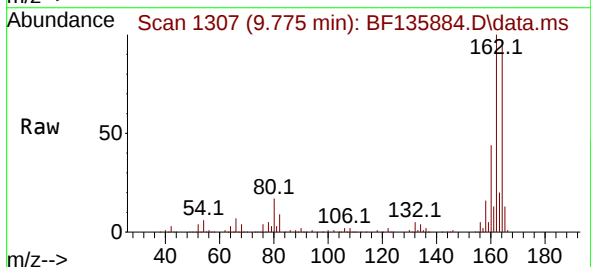
Instrument :
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ClientSampleId :
TP-3

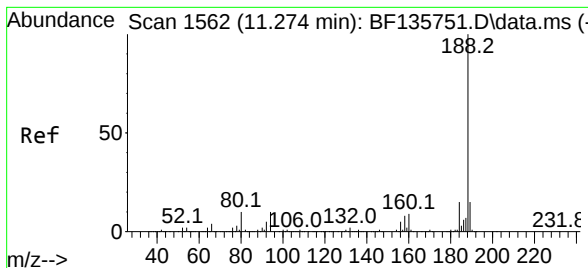
Tgt Ion:165 Resp: 16023
Ion Ratio Lower Upper
165 100
63 0.9 62.2 93.4#
89 1.1 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.876 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

Tgt Ion:165 Resp: 16023
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.4#
89 1.1 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

Instrument :

BNA_F

ClientSampleId :

TP-3

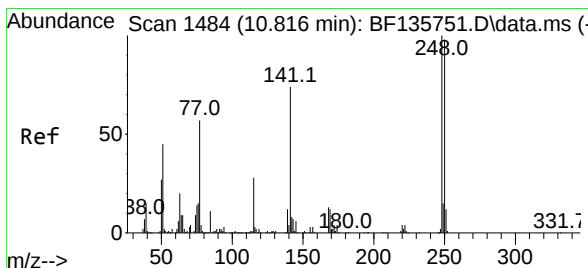
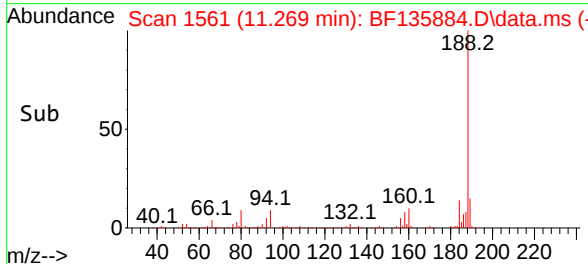
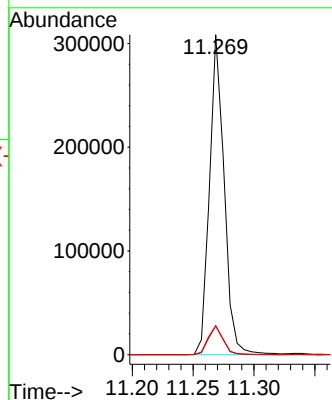
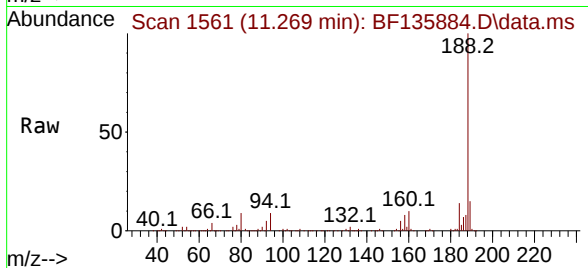
Tgt Ion:188 Resp: 258342

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

80 9.1 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.883 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

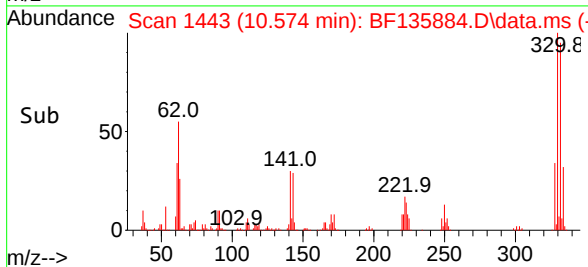
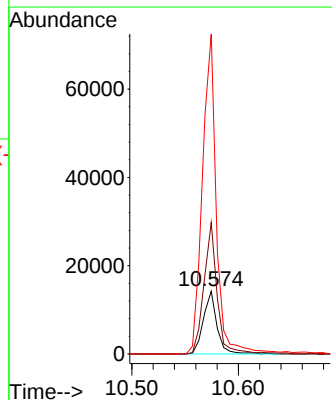
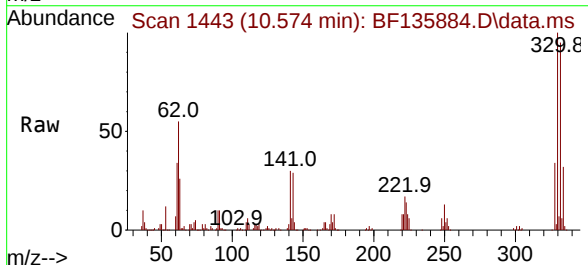
Tgt Ion:248 Resp: 12662

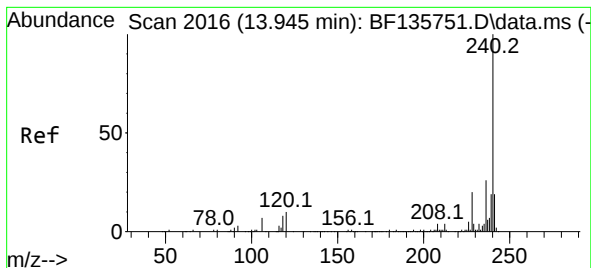
Ion Ratio Lower Upper

248 100

250 210.0 78.0 117.0#

141 510.6 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

Instrument :

BNA_F

ClientSampleId :

TP-3

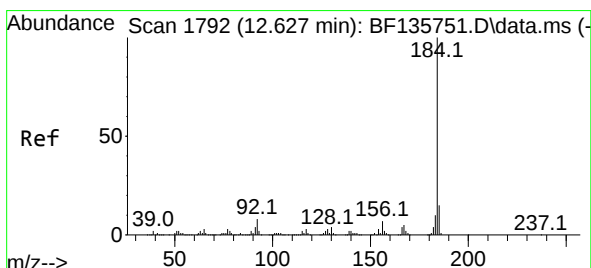
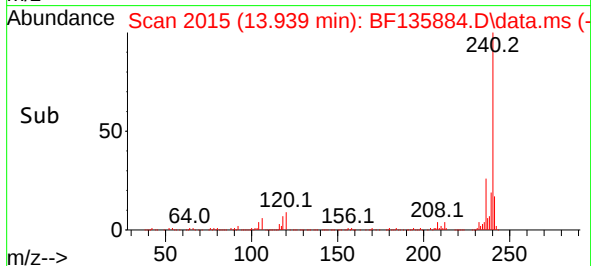
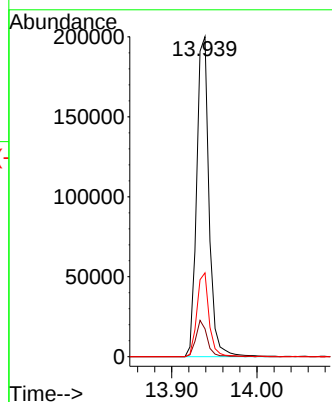
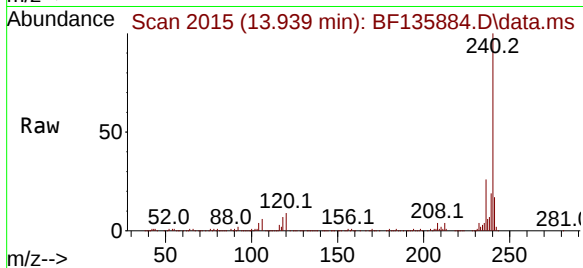
Tgt Ion:240 Resp: 201682

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

236 26.2 21.2 31.8



#77

Benzidine

Concen: 3.379 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

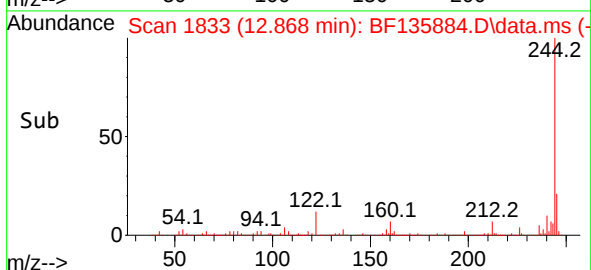
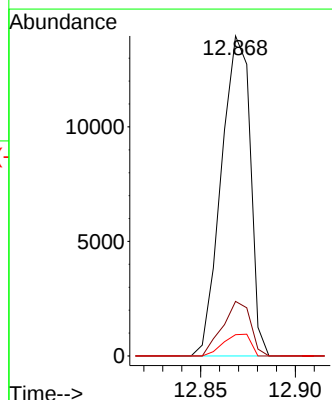
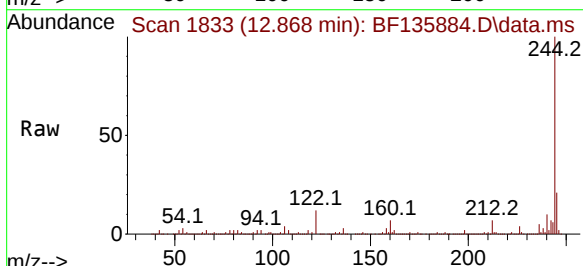
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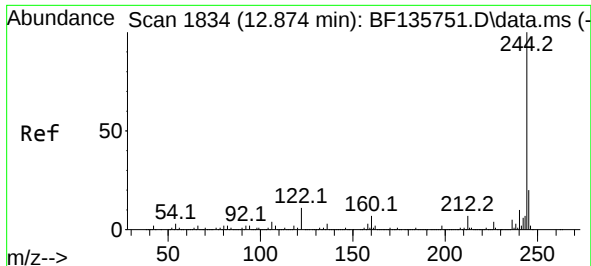
Ion Ratio Lower Upper

184 100

185 17.0 12.0 18.0

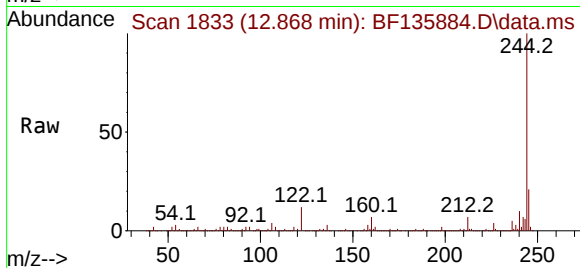
183 6.6 8.2 12.2#



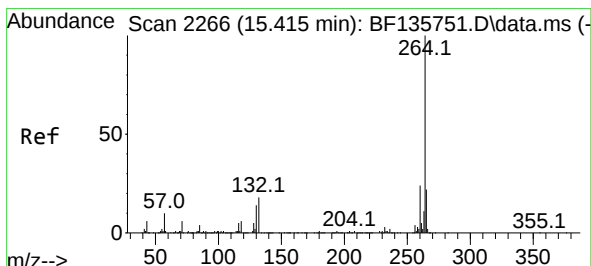
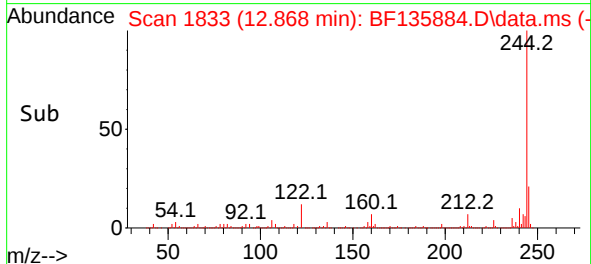
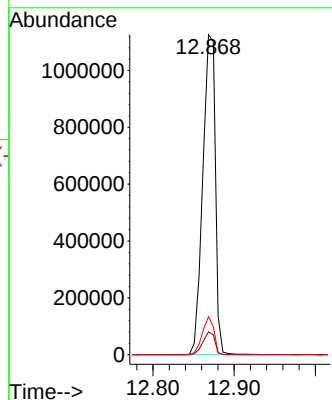


#79
 Terphenyl-d14
 Concen: 111.152 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135884.D
 Acq: 19 Oct 2023 14:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-3



Tgt Ion:244 Resp: 1210501
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.8 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135884.D
 Acq: 19 Oct 2023 14:02

Tgt Ion:264 Resp: 158130
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 19.2 17.4 26.2

